

**Table III**  
**Identification of Emerging Technologies**  
**Source Category: Metal Parts and Products**

Pollutant: VOCs

Description of Emerging Technology	Status	Source	Comments
No-VOC , water-based coating systems for use in industrial, maintenance, and architectural markets are available from Hart Polymers. These coating system are either single or two component aliphatic polyurethanes and epoxys.	Commer- cially available	meeting with Ernest W. Ertley of R.E. Hart Labs, Inc.; <u>Cross-Linking High Performance Polymers with Water as the Sole Solvent for Air-Dry and Heat-Cured Coating Applications</u> , Exploring New Technologies for Clean Air, 9/29-10/1/97	These coatings have been used by large corportions such as General Motors, Ford, the Mall of America, the U.S. Army and Marine Corps.
No-VOC, water-based coating systems for metal and wood substrates based on water-based aliphatic polyurethane resin systems. These coatings are reported to have performance characteristics comparable to the traditional solvent-based alkyd coatings.	demonstra- tion tests are being conducted	Aerovironment Environmental Services; <u>No-VOC/No-HAP Coatings</u> , Exploring New Technologies for Clean Air, 9/29-10/1/97	These coatings will be tested for possible commercialization as part of the ARB ICAT program.

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